

INTERNATIONAL SEARCH REPORT

International Application No

PCT/NL 03/00929

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K39/00 C07K14/00 C07K14/025

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/12281 A (HUNG CHIEN FU ; WU TZYY CHOUU (US); UNIV JOHNS HOPKINS (US))	10,11, 16,18-22
Y	14 February 2002 (2002-02-14) page 28; sequence 5	1-7, 9-13, 15-22
X	WO 00/75336 A (GUILLET JEAN GERARD ; INST NAT. SANTE RECH MED (FR); CONNAN FRANCINE (F) 14 December 2000 (2000-12-14)	10,11, 16,18-22
Y	sequence 12	1-7, 9-13, 15-22
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

28 July 2004

Date of mailing of the international search report

03.01.05

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	TAM J P ET AL: "Tandem peptide ligation for synthetic and natural biologicals" September 2001 (2001-09), BIOLOGICALS, VOL. 29, NR. 3-4, PAGE(S) 189-196 , XP002290180 ISSN: 1045-1056 the whole document	1-7, 9-13, 15-22
X	KELL BARBARA ET AL: "Detection of E5 oncoprotein in human papillomavirus type 16-positive cervical scrapes using antibodies raised to synthetic peptides" JOURNAL OF GENERAL VIROLOGY, vol. 75, no. 9, 1994, pages 2451-2456, XP009034550 ISSN: 0022-1317 the whole document	10
A	NARDIN E H ET AL: "A totally synthetic polyoxime malaria vaccine containing Plasmodium falciparum B cell and universal T cell epitopes elicits immune responses in volunteers of diverse HLA types." JOURNAL OF IMMUNOLOGY (BALTIMORE, MD. : 1950) 1 JAN 2001, vol. 166, no. 1, 1 January 2001 (2001-01-01), pages 481-489, XP002290179 ISSN: 0022-1767 the whole document	8,14
A	WO 90/13564 A (CONNAUGHT LAB) 15 November 1990 (1990-11-15) the whole document	1-22

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0212281 A	14-02-2002	AU 7811701 A CA 2417214 A1 EP 1363938 A2 JP 2004527213 T WO 0212281 A2	18-02-2002 14-02-2002 26-11-2003 09-09-2004 14-02-2002
WO 0075336 A	14-12-2000	FR 2794370 A1 AU 5229400 A AU 5411000 A CA 2375602 A1 CA 2375627 A1 EP 1181314 A1 EP 1183368 A2 WO 0075336 A2 WO 0075181 A1 US 6783763 B1	08-12-2000 28-12-2000 28-12-2000 14-12-2000 14-12-2000 27-02-2002 06-03-2002 14-12-2000 14-12-2000 31-08-2004
WO 9013564 A	15-11-1990	AT 102217 T CA 2053921 A1 WO 9013564 A1 DE 69007099 D1 DE 69007099 T2 DK 470980 T3 EP 0470980 A1 ES 2062521 T3 JP 2609764 B2 JP 4502013 T US 5817318 A	15-03-1994 04-11-1990 15-11-1990 07-04-1994 01-06-1994 28-03-1994 19-02-1992 16-12-1994 14-05-1997 09-04-1992 06-10-1998